

REGION THREE

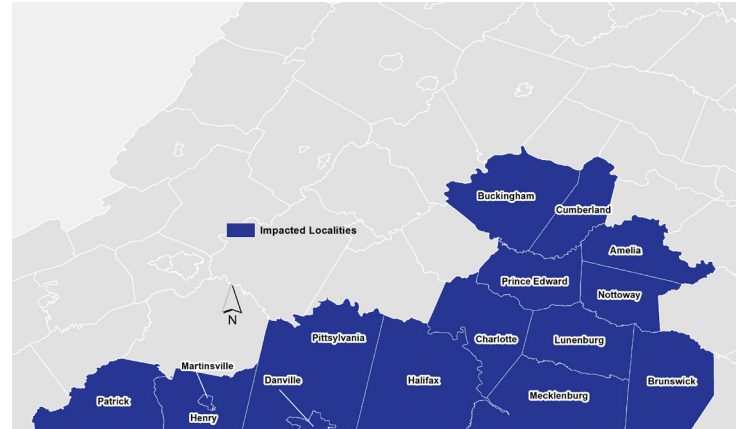
Great Opportunities in Technology and Engineering

Danville Community College



VIRGINIA INITIATIVE FOR
GROWTH & OPPORTUNITY
IN EACH REGION

This project will expand existing curriculum offered by six higher education partners, to build a regional training system of scale for careers in IT and focused areas of advanced manufacturing. The overall goal of the project is to build a pipeline of talent beginning with middle school students, in order to increase the number of students entering the five regional training areas of need: precision machining, welding, IT/cybersecurity, robotics/mechatronics/automation, and advanced materials. GO Virginia funds will be used for teacher training, program outreach, construction of two middle-school exploratory labs, expansion of dual-enrollment programs and program materials.



Strategy:
Talent Development and Credentialing

100 percent of region's population impacted

Partners:
Eastman Chemical Company, Institute for Advanced Learning and Research, New College Institute, Patrick Henry Community College, Southside and Virginia Community College and Southern Virginia Higher Education Center

Participants:



- ✓ Charlotte County
- ✓ Halifax County
- ✓ Pittsylvania County
- ✓ City of Danville
- ✓ Mecklenburg County

Targeted Clusters:

- Advanced Manufacturing and Materials
- Business Services and IT Data Centers

Funding Request:

➡ **\$648,000**



Total Project Budget:

\$ 1,313,438 ←

Project Outcomes:

- Build-out of two middle school exploratory lab spaces
- Launch of a GO-TEC outreach campaign
- Implementation of GO-TEC career pathways
- \$42,526 vs. \$33,480 average per capita income for the region
- Return on Investment (ROI): Generate up to \$6,230,000 in additional wages and increase state revenues by \$3,115,000 over three years

